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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

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Complete if Known

Application Number	09/924,074
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Filing Date	August 7, 2001
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First Named Inventor	R. Czerwiac et al
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Art Unit	2664
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Examiner Name _____

Attorney Docket Number	907-153-10
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ² -Number ⁴ -Kind Code ³ (if known)	MM-DD-YYYY		
H. Lee	5	CA 2,013,390	03-28-1990	N. Dyer	
	6	WO 97/09827	05-13-1997	NEC Australia	

**Examiner
Signature**

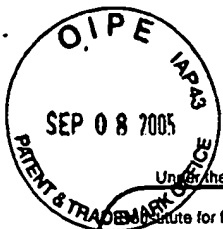
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PTO/SB/088 (08-03)

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OMB statute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number 09/924,074

Filing Date August 7, 2001

First Named Inventor R. Czerwec et al

Art Unit 2664

Examiner Name

Sheet 2 of 2

Attorney Docket Number 907-153-10

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
See	1	ANSI T1.413-1995, "Network and Customer Installation Interfaces--Asymmetric Digital Subscriber Line (ADSL) Metallic Interface".	

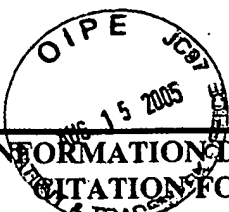
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**INFORMATION DISCLOSURE
CITATION FORM FOR
PATENT APPLICATION
(FORM PTO-1449)
(Substitute)**

Docket No.: 907-153-010

Serial No.: 09/924,074

Applicant(s): CZERWIEC et al

Filing Date: August 7, 2001

Group:

U.S. PATENTS

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
All	6,144,659	11/7/00	Nye et al.	370	359	12/19/96
	5,889,856	3/30/99	O'Toole et al.	379	399	5/22/97
	5,805,591	9/8/98	Naboulsi et al	370	395	2/28/96
	6,314,102	11/6/01	Czerwiec et al.	370	395	7/10/97
	5,971,804	10/26/99	Gallagher et al.	439	581	6/30/97
	4,821,034	4/11/89	Anderson et al.	340	825.800	2/6/87
	5,901,136	5/4/99	Lovelace et al.	370	217	12/26/96
	6,678,284	1/13/04	Verthein et al.	370	465	4/25/01
	6,175,490	1/16/01	Papa et al.	361	686	10/1/97
	6,169,987	1/2/01	Knoblock et al.	707	10	3/25/97
	6,424,636	7/23/02	Seazholtz et al.	370	295	5/1/00
	5,790,518	8/4/98	Nguyen et al.	370	217	12/22/95
	5,150,355	9/22/92	Dyer	370	16	3/28/90

U.S. PATENT PUBLICATIONS

Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date

FOREIGN PATENT DOCUMENTS

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a
All	WO 96/24989	8/15/96	PCT	ADC Telecommunications, Inc.	n/a

OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)

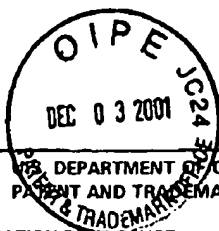
All	"ADSL and VADSL Splitter Design and Telephony Performance", Cook et al., IEEE Journal on Selected Areas in Communications, Vol. 13, No. 9, December 1995, pages 1634-1642.				

Examiner's Signature:

Date Considered: NOV 22, 2001

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Sheet 1 of 4FORM PTO-1449
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ATTY. DOCKET NO.

907-153-10

SERIAL NO.

09/924,074

INFORMATION DISCLOSURE
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APPLICANT

R. Czerwiec et al

FILING DATE

Aug. 7, 2001

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(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>See</i>	5 1 8 1 1 0 6	01/19/93	Sutherland			
	5 1 8 9 6 7 3	02/23/93	Burton et al			
	5 1 9 1 4 5 6	03/02/93	Sutherland et al			
	5 2 8 3 6 7 8	02/01/94	Czerwiec			
	5 3 0 1 0 5 0	04/05/94	Czerwiec et al			
	5 3 0 3 2 2 9	04/12/94	Withers et al			
	5 4 4 6 7 2 6	08/29/95	Rostoker et al			
	5 4 9 5 4 8 3	02/27/96	Grube et al			
	5 5 1 2 9 3 6	04/30/96	Burton et al			
<i>See</i>	5 5 1 9 7 3 1	05/21/96	Cioffi			
	5 5 2 1 9 0 6	05/28/96	Grube et al			

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>See</i>	2 2 9 1 3 1 6	01/17/96	GB				
	9 7 1 1 5 3	03/27/97	WO				
	9 5 2 1 4 8 8	08/10/95	WO				
	2 9 6 0 7 3 57	06/20/96	DE				
<i>See</i>	9 9 0 3 2 2 1	01/21/99	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

<i>See</i>	"Asymmetric Digital Subscriber Line: Interim Technology for the Next Forty Years", Kim Maxwell, IEEE Communications Magazine, October 1996, pages 100-106

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>See</i>	5 5 3 3 0 0 8	07/02/96	Grube et al			
	5 5 3 4 9 1 2	07/09/96	Kostreski			
	5 5 3 9 7 7 7	07/23/96	Grube et al			
	5 5 5 7 6 1 2	09/17/96	Bingham			
	5 5 7 2 3 4 7	11/05/96	Burton et al			
	5 5 7 6 8 7 4	11/19/96	Czerwiec et al			
	5 5 8 1 4 7 9	12/03/96	McLaughlin et al			
	5 5 9 4 4 9 1	01/14/97	Hodge et al			
	5 5 9 4 5 7 6	01/14/97	Sutherland et al			
<i>See</i>	5 5 9 6 6 0 4	01/21/97	Cioffi et al			
	5 6 0 4 6 8 2	02/18/97	McLaughlin et al			

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<i>See</i>	9 7 3 7 4 5 8	10/09/97	WO				
	0 8 3 1 6 2 4	03/25/98	EPO				
	9 8 2 0 7 0 2	05/14/98	WO				
<i>See</i>	9 8 3 6 5 4 1	08/20/98	WO				

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Alce</i>	5 6 3 6 2 2 4	06/03/97	Voith et al			
	5 6 6 8 8 5 7	09/16/97	McHale			
	5 6 8 7 0 1 4	11/11/97	Czerwiec et al			
	5 7 5 6 2 8 0	05/26/98	Soora et al			
	5 7 9 0 5 4 8	08/04/98	Sistanizadeh et al			
	5 8 1 2 7 8 6	09/22/98	Seazholtz et al			
	5 8 1 8 5 1 1	10/06/98	Farry et al			
	5 8 5 2 6 5 5	12/22/98	McHale et al			
	5 9 0 5 7 8 1	05/18/99	McHale et al			
<i>Alce</i>	5 9 1 0 9 7 0	06/08/99	Lu			
	5 9 2 6 4 7 2	07/20/99	Byers			

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